

**MISSOURI PUBLIC SERVICE COMMISSION  
MANUFACTURED HOUSING PROGRAM  
APPROVAL OF ANCHORING SYSTEMS**

**TIE DOWN ENGINEERING**

MODEL/MARK	DESCRIPTION	SOIL TYPE
MI2H	5/8" Double Head Anchor w/6" Auger	4
MI2H	3/4" Double Head Anchor w/6" Auger	4
MI22	5/8" Double Head Anchor w/2 4" Augers	2
MI22	3/4" Double Head Anchor w/2 4" Augers	2
MIT2	3/4" Double Head Threaded Rod Patio Anchor	Concrete
MIJ2	5/8" x 12" Double Head J-Rod Slab Anchor	Concrete
MICS2	Patio Anchor with Expansion Bolt	Concrete
59091	Deep-Set Plate with 30" double helix anchor	525 in.lbs and above
59291	Quik-Set Plate with 30" double helix anchor	525 in.lbs and above
59002	Swivel Strap Connector	
59003	3" Swivel Strap Frame Connector	
59004	4" Swivel Strap Frame Connector	
59005	Adjustable Swivel Strap Frame Connector	
59292	Lateral Stabilizer Plate	
MGRB	Galvanized Roof Bracket	
BCS	Crimping Seal for 1 1/4" Strap	
MBU	Galvanized Strap Buckle	
MBUS	Special Galvanized Strap Buckle	
BISB	Slotted Bolt and Nut	
MS33,35,37,42,60,600	1 1/4" Galvanized Strap	
MHT6, 7, 8, 10, 12, 15	1 1/4" Frame Tie with Hook	
MBU6, 7, 8, 10, 12, 15	1 1/4" Frame Tie with Buckle	
Xi FOUNDATION SYSTEM		****
VECTOR DYNAMICS FOUNDATION SYSTEM		2, 3, 4
VECTOR DYNAMICS FOUNDATION SYSTEM		*5
VECTOR DYNAMICS FOUNDATION SYSTEM FOR MULTI SECTION - FOR POURED CONCRETE - PER INSTALLTION INSTRUCTIONS		*5
VECTOR DYNAMICS FOUNDATION SYSTEM FOR SINGLE SECTIONS - FOR POURED CONCRETE - PER INSTALLTION INSTRUCTIONS		**2, 3, 4
VECTOR DYNAMICS FOUNDATION SYSTEM FOR SINGLE SECTIONS - FOR POURED CONCRETE - PER INSTALLTION INSTRUCTIONS		***5

**STANDARDS FOR INSTALLATION:**

- 1) Anchors and all components must be installed per manufacturer's instructions.
- 2) Anchors are approved for the designed soil type only.
- 3) Consult manufactured home set up instructions for number of frame tie downs, over the roof tie downs, and tie down spacing.

\* Approved for soil with test probe reading of 50 inch pounds and greater.

\*\* Approved for pier height up to 56 inches per installation instructions and for soil with test probe reading of 175 in. lb. and greater. For soil 50 inch pounds and greater per installation instructions.

\*\*\* Approved for sub-soil 50 inch pounds or greater with 48 inch anchors and 6 inch helix and stabilizer plates installed according to manufacturers installation instructions.

\*\*\*\* Approved for soil with test probe reading of 175 inch pounds and greater. Requires additional anchors within two feet of each corner of the home as prescribed in instructions.

DATE: November 13, 2001



Steve Jungmeyer  
Manager, Department of Manufactured Housing  
and Modular Units

System used on your home: \_\_\_\_\_